

INTERNATIONAL SEARCH REPORT

International application No.

PCT/JP2005/000941

A. CLASSIFICATION OF SUBJECT MATTER

Int.Cl⁷ A61K31/231, A23L1/30, A61K31/232, A61P1/16, 35/00, C12P7/64

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

Int.Cl⁷ A61K31/231, A23L1/30, A61K31/232, A61P1/16, 35/00, C12P7/64

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched
 Jitsuyo Shinan Koho 1922-1996 Jitsuyo Shinan Toroku Koho 1996-2005
 Kokai Jitsuyo Shinan Koho 1971-2005 Toroku Jitsuyo Shinan Koho 1994-2005

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)
 CAPLUS (STN), BIOSIS/MEDLINE/EMBASE (STN)

C. DOCUMENTS CONSIDERED TO BE RELEVANT

| Category* | Citation of document, with indication, where appropriate, of the relevant passages | Relevant to claim No. |
|-----------|--|----------------------------|
| X | JP 8-53349 A (Suntory Ltd.), 27 February, 1996 (27.02.96), Claims; Par. No. [0015] & US 5981588 A | 1-6, 8-16, 32-37, 39-46 |
| X | WO 1997/005863 A1 (Suntory Ltd.), 20 February, 1997 (20.02.97), Full text & EP 790056 A1 | 8-16, 39-46 |
| X | WO 1999/048531 A1 (Nippon Shinyaku Co., Ltd.), 30 September, 1999 (30.09.99), Full text & EP 1064950 A1 | 1-3, 6, 32-34, 37 |

 Further documents are listed in the continuation of Box C. See patent family annex.

* Special categories of cited documents:

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- E" earlier application or patent but published on or after the international filing date
- L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- O" document referring to an oral disclosure, use, exhibition or other means
- P" document published prior to the international filing date but later than the priority date claimed

- T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

- X" document of particular relevance: the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

- Y" document of particular relevance: the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art

- &" document member of the same patent family

Date of the actual completion of the international search
09 May, 2005 (09.05.05)Date of mailing of the international search report
31 May, 2005 (31.05.05)Name and mailing address of the ISA/
Japanese Patent Office

Authorized officer

Facsimile No.

Telephone No.

INTERNATIONAL SEARCH REPORT

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| International application No. PCT/JP2005/000941 |
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C (Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT

| Category* | Citation of document, with indication, where appropriate, of the relevant passages | Relevant to claim No. |
|-----------|---|--|
| X | WO 2003/004667 A1 (Suntory Ltd.), 16 January, 2003 (16.01.03), Full text (Family: none) | 8-16, 39-46 |
| X | JP 2002-53892 A (Kao Corp.), 19 February, 2002 (19.02.02), Claims; Par. Nos. [0001], [0052] & WO 2002/011551 A2 | 1, 2, 8, 9, 15, 16, 32, 33, 39, 40, 46 |
| X | JP 7-508720 A (New England Deaconess Hospital Corp.), 28 September, 1995 (28.09.95), Claims; pages 5 to 6 & WO 1993/022271 A1 | 8-10, 13-16, 39-41, 44-46 |
| X | K. HIRABAYASHI et al., Inhibition of Metastatic Carcinoma Cell Growth in Livers by Poly(I):Poly(C)/Cationic Liposome Complex(LIC), Oncol.Res., 1999, Vol.11, pages 497 to 504 | 1-3, 7-10, 13-15, 32-34, 38-41, 44-46 |
| X | Tadashi HIGUCHI, "Hoshasei Iodine Hyoshiki Shibo Oyobi Shibosan ni yoru Shoka Kyushu Shiken", The Kyosai medical Journal, 1967 Nen, Vol.16, No.1, pages 27 to 32 | 8-10, 13-14, 39-41, 44-46 |
| X | WO 2001/028555 A1 (LIPOCINE, INC.), 26 April, 2001 (26.04.01), Full text & US 2002/107265 A1 | 8-10 |